

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIAGNOSING FAULTS AND ERRORS FROM A DATA REPOSITORY USING DIRECTED GRAPHS

the specification of which (check one)

☒ is attached hereto.

_____ was filed on _____ as United States Application Number

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application, which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number) _____ (Country) _____ (Day/Month/Year Filed) _____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Rafael Perez-Pineiro (Reg. 46,041).

Send Correspondence to: Louis P. Herzberg, Intellectual Property Law Dept.IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598Direct Telephone Calls to: (name and telephone number) Louis P. Herzberg (914) 945-2885H. Richard Gail

Full name of sole or first inventor

H. Richard Gail

Inventor's Signature

12/8/03
Date53 Hudson Watch Dr. Ossining, NY 10562
ResidenceUSA
CitizenshipSame as above.
Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSidney L. Hantler

Full name of second joint-inventor, if any

[Signature]
Inventor's signature12/8/03

Date

1471 Lower Washington Street, Cortlandt Manor, New York 10567
ResidenceUSA

Citizenship

Same as above.

Post Office Address

George B. Leeman Jr.

Full name of third joint-inventor, if any

[Signature]
Inventor's signature12/8/2003

Date

840 North Salem Road, Ridgefield, CT 06877-1723
ResidenceUSA

Citizenship

Same as above.

Post Office Address

Meir M. Laker

Full name of fourth joint-inventor, if any

[Signature]
Inventor's signature12/8/03

Date

35 Vacarusco Drive, Spring Valley, New York 10977
ResidenceUSA

Citizenship

Same as above.

Post Office Address

Daniel Milch

Full name of fifth joint-inventor, if any

[Signature]
Inventor's signature12/8/03

Date

1-6 Bridle Path, Ossining, NY 10562
ResidenceUSA

Citizenship

Same as above.

Post Office Address

Full name of sixth joint-inventor, if any

Inventor's signature

Date

Residence

Citizenship

Same as above.

Post Office Address